

ABSTRACT

The present invention relates to a method for identifying and isolating native plant nucleic acid sequences that may function as T-DNAs or T-DNA border-like sequences, effecting the transfer of one polynucleotide into another polynucleotide. The present invention also provides a modified tuber, such as a genetically modified mature tuber, that comprises at least one trait that is not exhibited by a non-modified tuber of the same species.